RE=1000

VEL1 5

f(x,y) = a+b\*(0.221/c)^2\*exp(-((x-2.905)^2+(y+0.014075)^2)/(c^2))

Coefficients (with 95% confidence bounds):

a = 1.023 (1.019, 1.027)

b = -0.1689 (-0.1776, -0.1603)

c = 0.1926 (0.1887, 0.1965)

VEL1 10

f(x,y) = a+b\*(0.221/c)^2\*exp(-((x-2.8535)^2+(y+0.011445)^2)/(c^2))

Coefficients (with 95% confidence bounds):

a = 1.011 (1.008, 1.015)

b = -0.2173 (-0.2336, -0.2009)

c = 0.2786 (0.2705, 0.2867)

VEL1 15

f(x,y) = a+b\*(0.221/c)^2\*exp(-((x-2.8105)^2+(y+0.02258)^2)/(c^2))

Coefficients (with 95% confidence bounds):

a = 1.001 (0.9984, 1.004)

b = -0.2196 (-0.2374, -0.2017)

c = 0.332 (0.3212, 0.3428)

VEL1 20

f(x,y) = a+b\*(0.221/c)^2\*exp(-((x-2.7705)^2+(y+0.04767)^2)/(c^2))

Coefficients (with 95% confidence bounds):

a = 0.9969 (0.9948, 0.9989)

b = -0.2114 (-0.2287, -0.194)

c = 0.3649 (0.3527, 0.3771)

VEL1 25

f(x,y) = a+b\*(0.221/c)^2\*exp(-((x-2.7455)^2+(y+0.075315)^2)/(c^2))

Coefficients (with 95% confidence bounds):

a = 0.9941 (0.9925, 0.9957)

b = -0.2052 (-0.2211, -0.1893)

c = 0.3931 (0.3804, 0.4059)